

# The Contest JUG



NEWSLETTER OF THE  
NORTHERN CALIFORNIA CONTEST CLUB  
44 Toyon Terrace  
Danville, CA 94526

January 1986

No. 163

PRESIDENT:	K6GSS	VP/CC:	WB6FCR	PROGRAMS:	WB6KBZ
SEC/TREAS:	K6ZM	FINANCE:	WA6AUE	AWARDS:	KA6ING
JUG EDITOR:	W6SZN	DIRECTORS:	W6RGG, WB6KBZ,	MEMBERSHIP:	WB6FCR
JUG POST PROD:	K6HNZ		AJ6V, WA6AUE		

## SPRINT TIME -- See Page 3 For Your Call

### COMING EVENTS

January 24-26	CQWW 160 Meter CW Contest
January 25 - February 2	Novice Roundup
February 2	North American Sprint - CW
February 9	North American Sprint - SSB
February 15-16	ARRL DX-CW

### FROM THE PRES

1986 -- a new year -- may it be more prosperous than the last one. For the NCCC, our April Banquet will mark the beginning of a new year, with a new set of Club officers. If you are interested in helping direct your Club, please contact any Board member.

If you were active in the ARRL VHF Sweepstakes, please send a copy of your summary sheet to me and mark NCCC on the summary sheet going to ARRL.

I want to thank those of you who worked me during the ARRL VHF Sweepstakes -- 525 Q's and 63 grid squares, for a new Pacific Division record of 43K. Carl Cook's old record had stood at 25K for over 10 years. Additionally, Wayne Overbeck's (N6NB/K6YNB) June Pacific Division record is 90K and over a dozen years old. I want that one too!

My bride and I are working on arrangements for the April Banquet, and we promise something new and different, so watch the next issue of the Jug for more information.

Speaking of the Jug, our hard-working editor has expressed a desire to turn this important function over to another. Anyone interested in this key position? Please contact me.

Some years ago, our membership agreed to "not smoke" during meetings. A few members have asked me to remind the rest of us about this. Enough said. Thanks.

I am looking forward to seeing many of you at the January meeting in Hayward and also working you in the various contests in February.

73, John

#### NCCC TO K SOME B IN FEBRUARY NORTH AMERICAN SPRINTS

Continuing the intra-club comeptition in the NA Sprints, and expanding our participation level, is the goal of your friendly sprint coordinators, W6RGG/CW and WA6VEF/SSB.

We have been able to "rescue" some of our members from participation in "foreign" teams, and have come up with five complete CW teams and four complete SSB teams.

The CW Sprint will be saturday night, February 1, local time (starting at 0000 UTC, February 2) and the phone sprint will be February 8, local time (starting at 0000 UTC, February 9). That's 4:00 p.m. PST, in case you forgot! The complete rules are shown elsewhere in this issue.

Participants in the September 1984 Sprint are "seeded" according to their scores as published in the NCJ. Only the September scores were considered, pursuant to the rules published in an earlier Jug.

This is where the competition really starts, because your score in this Sprint determines which team you will be on for the September Sprint. The top ten scores for each mode will make up September's NCCC #1, the next ten NCCC #2, etc. The only way you can move to a higher team, or to a higher position within a team, is to knock off someone ahead of you!



Our February teams are:

<u>CW #1</u>	<u>CW #2</u>	<u>CW #3</u>	<u>CW #4</u>	<u>CW #5</u>
WA6VEF	N6RO	N6TU	W6MFZ	W6XX
N6BT	N6TV	WA6AUE	N6NF	NV6Z
N6XI	K6ZM	W6CF	W6OSP	N6ZB
W6OAT	N6OP	W6BSY	NU6S	K6MBV
N7NG	K6LRN	N6DA	K6SG	AD6E
AJ6V	N6AUV	WE6G	AA6T	N6EK
W6RGG	K4TKM	N6GG	NA6T	K6ANP
N6RZ	K6CSL	N6JL	KJ6V	N6BLN
W6SZN	W6OKK	N6JV	W6VG	WA0JRB
K6XO	WB6DSV	W6KZJ	K6WB	W6KH

<u>SSB #1</u>	<u>SSB #2</u>	<u>SSB #3</u>	<u>SSB #4</u>
WA6VEF	N6AUV	KB6JK	NV6Z
WA7NIN	WB6DSV	N6JL	K6ZM
N6BT	WB6FCR	WB6MZQ	K6MBV
K6XO	K6GSS	W6OWQ	AD6E
K6LRN	WB6KBZ	NU6S	N6DOK
K6HNZ	K6KLY	WA6DGX	K6ANP
WC6H	AJ6V	AA6T	N6BLN
W6SZN	W6BSY	NA6T	WA0JRB
WA6OCV	N6DA	K6XN	W6KH
N6KT	WE6G	K6YT	W6RGG

If you are not on one of these teams, and want to get in on the action, notify Bob or Gary as soon as possible. We'll add as many teams as we can.

If you are on a team and find you will be unable to participate in February, and if you notify Bob or Gary at least 72 hours before the start of the Sprint that you won't be on, we'll advance everyone below you one position in order to fill your place. However, we'll also "hold your place" for one Sprint by permitting you to use your September '85 score (or your current team assignment, if made without the benefit of a previous score) again to determine your position on the team for September '86. If you don't get on, and we don't hear from you, or if you get on but don't send in your log, you go back to the bottom of the pile and have to work your way back up.

This year's Sprints provide us with an opportunity to live up to our "#1 Contest Club" position. If you can't operate the full Sprint, get on and give contacts to as many of our members as you can. Listen to techniques in use and plan on using them yourself in September.

With a little planning and a lot of enthusiasm, we can have ten teams on each mode in September, and sweep the competition by the wayside! See you in the Sprints!

W6RGG  
WA6VEF

### CQ 1985 WORLDWIDE

As of 1/12/86, the NCCC has received 41 summary sheets to send to CQ Magazine for our Club effort in the 1985 CQ WorldWide Contest. The Club total was 54,053,737 (40,883,104 - Phone, 13,170,633 CW). Although the propagation was down from years past, there still were plenty of stations to work during both weekends.

Alas, many club members that were on during the contest failed to submit logs, ignoring phone calls and other forms of arm wrestling to send copies of their summary sheets to the NCCC. As a result, the NCCC will not get any credit for their effort!

At the Awards banquet in April, barring last minute logs received on 1/16/86, the following will be given plaques for their efforts:

### PHONE

Single Operator (Domestic) - N6ICV  
Single Operator (DX) - N6KT (PJ2FR)

Multi-Single (Domestic) - KB6JK  
Multi-Single (DX) - K6XN, N6MTJ, W6REC (VP2MU)

Multi-Multi (DX) - N6BT, NU6S, AI6V, WA6VEF (VP2MW)  
Multi-Multi (Domestic) - N6RO

### CW

Single Operator (Domestic) - WA6VEF (AI6V)  
Single Operator (DX) - AJ6V (VP2MEV)

Multi-Single (Domestic) - W6BIP  
Multi-Single (DX) - ZS3/W6QL

Multi-Multi (Domestic) - N6RO

At the January 27, 1986 meeting there will be official CQ 160 log and summary sheets on hand.

Keep in mind the next club effort will be CQWPX, the last weekends in March and May!



CLUB MEMBERS' SCORESPHONE

WA6AHF	77,616
W6BIP (Multi-Single) (W6BIP, WA6AUE)	414,573
W6BSY	303,094
K6CSL	13,237
N6EK	30,702
WB6FCR/KH6	3,187,440
N6GG	29,082
N6ICV	319,324
KB6JK (Multi-Single) (KB6JK + Net)	550,480
W6KG/ZS (Multi-Single) (W6KG, W6QL)	1,526,106
K6KLY	265,104
K6LRN	10,465
W6MFZ	5,088
VP2MU (Multi-Single) (K6XN, W6REC, N6MTJ)	3,081,260
VP2MW (Multi-Multi) (N6BT, NU6S, WA6DGX, AI6V, WA6VEF)	15,278,868
W6RJ	135,340
N6RO (Multi-Multi) (N6BV, N6RO, W7MAP, K6TMB, KA6W, N6XI, WC6I, W6RGG)	4,422,684
K6PU	103,716
K6SIK	154,044
W6SZN	69,230
AJ6V	226,781
W6WB	49,147
K6VT	2,400
PJ2FR (N6KT)	9,613,615
8P9AG (Multi-Single) (K6ZM, AK6T, N6AUV)	1,043,460

CW

AI6V (WA6VEF)	1,985,916
W6BIP (Multi-Single) (W6BIP, WA6AUE)	513,450
W6BSY	29,704
N6EK	91,840
WB6FCR	43,248
N6GG	208,725
K6LRN	15,982
VP2MEV (AJ6V)	2,541,616
N6OM	16,832
K6PU	103,716
W6RJ	103,224
N6RO (Multi-Multi) (N6BV, WC6I, W7MAP, N6RO, W6SZN, K6TMB, N6XI, W6XX, NV6Z)	3,605,700
ZS3/W6QL (Multi-Single) (W6QL, W6KG)	1,879,000
K4TEA/KH6 (K4TKM)	1,068,810
W6WB	150,086
8P9AG (Multi-Single) (K6ZM, K4UVT)	812,784

THE 1985 CALIFORNIA QSO PARTY  
SPONSORED BY  
THE NORTHERN CALIFORNIA CONTEST CLUB

THIS YEAR'S CONTEST FEATURED A VERY CLOSE RACE BETWEEN TWO SEASONED VETERANS FOR THE TOP SPOT IN CALIFORNIA, AND A RECORD BREAKING PERFORMANCE BY N6TR FOR OUT OF STATE HONORS. N6BT, AGAIN OPERATED BY GARY CALDWELL, W6VEF, JUST GOT PAST DEAN STRAW, N6BV, FOR THE FIRST PLACE AWARD IN CALIFORNIA. THE MARGIN WAS BUT EIGHT QSOs AND ONE MULTIPLIER. MAYBE NEXT YEAR, DEAN. MEANWHILE, IN OREGON, "TREE" TYREE, N6TR/7, WAS GETTING THE MOST OUT OF FORTY METER PHONE ON HIS WAY TO SETTING A NEW ALL TIME HIGH QSO AND SCORE RECORD FOR OUT OF STATE STATIONS. JEFF, W4AE, IN FLORIDA ALSO HAD A FINE SCORE BUT WAS A DISTANT SECOND. DOWN IN SPARSELY POPULATED SAN BENITO COUNTY, RON, N6EZ AND K6RD PUT TOGETHER THE WINNING EXPEDITION/MULTIOPERATOR EFFORT. CONGRATULATIONS TO N6BT, N6FA/6 AND K6MZ WHO WERE THE ONLY STATIONS TO MAKE THE CLEAN SWEEP. EIGHT CALIFORNIA COUNTY AND THREE OUT OF STATE RECORDS WERE BROKEN, AND DESPITE OUR PROXIMITY TO THE BOTTOM OF THE SUNSPOT CYCLE, CONDITIONS AND SCORES WERE BETTER THAN LAST YEAR.

TOP TEN SINGLE OPERATOR SCORES IN CALIFORNIA:

CALL	QSOs	MULT	SCORE(K)	LOCATION
N6BT	2112	58	257.5	SANTA CLARA (W6VEF, OPERATOR)
N6BV	2104	57	254.3	CONTRA COSTA
N6FA/6	1798	58	218.2	KERN
K6BJK	1653	57	188.4	SOLANO
W6REC	1402	56	164.3	MODOC
K6RK	1187	56	140.6	CALAVARAS
K6MZ	1140	58	132.2	SAN MATEO
W7CB/6	1054	57	128.1	SAN LUIS OBISPO
W6EA	725	54	86.4	SACRAMENTO
N6PE	648	52	76.5	ORANGE

TOP FIVE SINGLE OPERATOR SCORES OUT OF CALIFORNIA:

CALL	QSOs	MULT	SCORE(K)	LOCATION
N6TR/7	963	57	115.1	OREGON
W4AE	551	51	61.8	FLORIDA
W5DTK	210	45	22.9	TEXAS
KY5N	201	41	21.4	TEXAS
W3HDM	173	36	16.5	PENNSYLVANIA

SOAPBOX: ...BROKE MY RECORD OF 355 CONTACTS...W6NAT; ...QTH WAS MT. TAM., ELEVATION 2700'...K6YA; ...14 MHZ OPEN TO 6 LAND FOR ONLY A FEW HOURS EACH AFTERNOON...W1APU; ...LOUDEST SIGNAL ON 20 SSB - N6BV...N6IB (EX N6OW); ...AS ALWAYS, A MOST ENJOYABLE EVENT!...W4KM; ...THIS WAS MY FIRST CONTEST...K6WBE/AA; ...AS ALWAYS, THE BEST QSO PARTY...WORKED N6CO/M 5 TIMES ON 20 CW...KY5N; ...TNX TO 565 STATIONS WHO GAVE ME NUMBER 1 ON 40 SSB!...N6TR/7; ...WHO KNOWS WHAT "LAX" MEANS? LOS ANGELES AIRPORT???...N6FFZ.

CALIFORNIA STATIONS

\*\*\*PLATEAU\*\*\*

W6REC	564	52	62,452
N6EK	244	42	30,744
Y6MPV	238	37	26,418
W6EG	47	6	606
N6CO/M	6	5	75

\*\*\*DUTTE\*\*\*

K6AAW/6	414	57	51,357
N6ESV/M	10	7	140

\*\*\*CALAVARAS\*\*\*

K6RK	1187	56	140,672
------	------	----	---------

\*\*\*COLUSA\*\*\*

N6ESV/M	21	15	630
N6CO/M	7	6	126

\*\*\*CONTRA COSTA\*\*\*

N6BV	2104	57	254,334
K6ZM	554	52	67,496
N6CO/M	5	4	48

\*\*\*DEL NORTE\*\*\*

W6NAT	428	51	43,656
-------	-----	----	--------

\*\*\*EL DORADO\*\*\*

W6HAE	222	45	29,205
-------	-----	----	--------

\*\*\*GLENDALE\*\*\*

N6ESV/M	19	14	532
N6CO/M	13	7	259

\*\*\*INYO\*\*\*

N6ML	26	20	1,040
------	----	----	-------

\*\*\*KERN\*\*\*

N6FA/6	1798	58	218,254
N6BJQ/6	270	43	34,830
K6CZS	150	40	12,000



## \*\*\*LASSEN\*\*\*

K6XD/M	26	14	436
NECQ/M	13	7	272

## \*\*\*LOS ANGELES\*\*\*

N6HC	663	51	70,533
------	-----	----	--------

## \*\*\*MARIN\*\*\*

K6LRN	389	48	47,136
K6YA (MULTIOP)			
	143	27	9,612

## \*\*\*MODOC\*\*\*

W6REC	1402	56	164,360
K6XD/M	56	17	1,921
NECQ/M	25	20	1,120

## \*\*\*NEVADA\*\*\*

NECQ/M	5	5	65
--------	---	---	----

## \*\*\*ORANGE\*\*\*

N6PE	648	52	76,544
------	-----	----	--------

## \*\*\*PLACER\*\*\*

K6XD/M	21	11	638
NECQ/M	6	6	102

## \*\*\*PLUMAS\*\*\*

NECQ/M	7	5	105
--------	---	---	-----

## \*\*\*SACRAMENTO\*\*\*

K6EA	725	54	86,454
N666	214	46	23,966
N6JM	118	34	10,200
K6XD/M	5	4	52

## \*\*\*SAN BENITO\*\*\*

NV6Z (+K6RD)			
	942	55	114,125

## \*\*\*SAN DIEGO\*\*\*

WB9LDD	301	51	30,702
A66EE	46	23	2,392

## \*\*\*SAN FRANCISCO\*\*\*

W66ME	374	52	44,096
KK1A/6	307	47	36,954

## \*\*\*SAN LUIS OBISPO\*\*\*

W7CB/6	1054	57	128,193
--------	------	----	---------

## \*\*\*SAN MATEO\*\*\*

K6HNZ	1140	58	132,240
N6NF	579	52	65,260
W6S2N	215	44	22,836
N6ICV	150	52	20,644
K6AYB	90	35	9,450
W6KIJ	56	16	2,688

## \*\*\*SANTA CLARA\*\*\*

N6BT (W6VEF, DPR)			
	2112	58	257,578
AJ6V	296	46	27,232
W6EEV	196	44	22,660
W6PRI	102	35	10,500
W6TKV	55	21	2,310
NECQ/M	4	4	44

## \*\*\*SHASTA\*\*\*

K6XD/M	13	11	385
NECQ/M	9	7	182

## \*\*\*SIERRA\*\*\*

NECQ/M	10	8	240
K6XD/M	2	2	10

## \*\*\*SOLANO\*\*\*

K6BJK	1653	57	188,442
K6XD/M	11	8	240

## \*\*\*SONOMA\*\*\*

W6JRB/6	252	32	8,064
---------	-----	----	-------

## \*\*\*SUTTER\*\*\*

NEESV/M	10	7	140
---------	----	---	-----

## \*\*\*TEHAMA\*\*\*

W6KOE	44	24	2,184
NECQ/M	10	8	216

## \*\*\*VENTURA\*\*\*

W6TKF	366	48	42,572
N6VR	142	37	12,099

## \*\*\*YCLD\*\*\*

K6XD/M	14	10	410
NEESV/M	5	4	40

## STATIONS OUTSIDE CALIFORNIA

## \*\*\*CONNECTICUT\*\*\*

KF1B	14	13	564
------	----	----	-----

## \*\*\*MAINE\*\*\*

WB1AD	40	23	2,530
W1APU	35	22	2,310

## \*\*\*MASSACHUSETTS\*\*\*

NP1B	24	22	1,078
------	----	----	-------

## \*\*\*NEW JERSEY\*\*\*

N2FCH	35	24	1,680
-------	----	----	-------

## \*\*\*NEW YORK\*\*\*

W82TKD	37	27	1,998
K82TF	33	21	1,554

## \*\*\*MARYLAND/D.C.\*\*\*

W4KM	24	18	1,278
NH3SI	7	6	126

## \*\*\*PENNSYLVANIA\*\*\*

W3HDH	173	36	16,560
W3ARK	117	33	9,966
W3JXW	15	14	420

## \*\*\*FLORIDA\*\*\*

W4E	551	51	61,812
W4F	46	25	2,300

## \*\*\*KENTUCKY\*\*\*

W4EBN	70	28	5,880
NJ4N	52	25	2,925

## \*\*\*ARKANSAS\*\*\*

WVSM	89	26	4,264
------	----	----	-------

## \*\*\*LOUISIANA\*\*\*

WLSA	148	34	13,464
------	-----	----	--------

## \*\*\*MISSISSIPPI\*\*\*

WSPQI	132	39	10,335
KASHBE/AA	51	25	2,550

## \*\*\*NEW MEXICO\*\*\*

WBSY/M5	33	20	1,320
---------	----	----	-------

## \*\*\*OKLAHOMA\*\*\*

KSNW	57	23	3,174
------	----	----	-------

## \*\*\*TEXAS\*\*\*

WASDTK	210	45	22,905
KYSN	201	41	21,484
WSPWG	152	38	15,066
W5NR	69	33	6,831
WASTYX	69	27	3,726
W5GOF	12	9	234

## \*\*\*ARIZONA\*\*\*

WBSY/M7	63	26	3,276
---------	----	----	-------

## \*\*\*IDAHO\*\*\*

N7HJM	55	25	3,525
-------	----	----	-------

## \*\*\*OREGON\*\*\*

N6TR/7	963	57	115,197
KATKDJ	142	34	9,758

## \*\*\*UTAH\*\*\*

WBSY/M7	74	28	4,144
W8TTJI	49	23	2,829

## \*\*\*WASHINGTON\*\*\*

KD7H	13	20	2,380
KC7YE	19	12	684

## \*\*\*MICHIGAN\*\*\*

WBJRK	45	24	2,328
WAWUJ	13	15	855

## \*\*\*OHIO\*\*\*

KBCW	127	35	11,165
W8RYP	90	35	9,345
K8MR	55	25	3,550
W8ID	17	13	663

## \*\*\*WEST VIRGINIA\*\*\*

K8BZC	34	15	1,216
W8VEN	29	12	695

## \*\*\*ILLINOIS\*\*\*

W9MRU	34	21	1,785
K9HRC	28	15	900

## \*\*\*WISCONSIN\*\*\*

K9RUE	46	20	1,624
N9ECH	24	17	816

## \*\*\*COLORADO\*\*\*

K8OU	82	24	4,800
N0FFZ	63	24	4,536
W6BSY/M8	47	24	2,256

## \*\*\*IOWA\*\*\*

KC8GM	52	32	3,328
KCCCQ	51	25	2,550
W8QVY	27	18	1,458

## \*\*\*KANSAS\*\*\*

N8CLV	114	40	10,920
N8FMR	97	32	8,384

## \*\*\*MINNESOTA\*\*\*

K808	59	27	4,779
------	----	----	-------

## \*\*\*MISSOURI\*\*\*

N8EVD	52	26	2,784
-------	----	----	-------

## \*\*\*MARITIME PROVINCES\*\*\*

VE1AS1	43	24	3,096
--------	----	----	-------

## \*\*\*QUEBEC\*\*\*

VE2EDK	84	30	6,630
--------	----	----	-------

## \*\*\*ONTARIO\*\*\*

VE3KK	77	34	7,854
-------	----	----	-------

## \*\*\*BRITISH COLUMBIA\*\*\*

VE7ID	16	7	301
-------	----	---	-----



CALIFORNIA QSO PARTY ALL TIME SINGLE OPERATOR RECORDS

ALAMEDA	W6SZN	80	232,788	1939	57	ALABAMA	KD4XR	81	32,148	342	47
ALPINE	W6XB	79	70,700	707	50	ALASKA	AL7H	80	9,826	110	34
AMADOR	K6COF	75	136,304	1217	56	ARIZONA	K7GM	81	34,522	343	41
BUTTE	K6AAW/6	85	51,357	414	57	ARKANSAS	WA5DTK	79	24,012	261	46
CALAVERAS	K6RK	85	140,672	1107	56	COLORADO	WB0IWL	75	9,348	123	38
COLUSA	K6HNZ	80	97,240	884	55	CONNECT.	W1GMR	81	34,892	302	44
CONTRA CO.	N6BV	85	254,334	2104	57	DELAWARE	N8NA/3	81	10,602	136	31
DEL NORTE	W6NAT	85	43,656	428	51	FLORIDA	WC4E	85	61,812	551	51
EL DORADO	W6TPH	79	193,820	1762	49	GEORGIA	N4NX	79	26,602	283	47
FRESNO	W6DPD	77	8,584	116	37	HAWAII	AH6BL	79	8,514	129	33
GLENN	AJ6V	84	106,596	956	54	IDAHO	WALPTD	75	54,172	467	58
HUMBOLDT	WB6SXJ	79	139,810	1271	55	ILLINOIS	WA0AVL	82	91,616	746	56
IMPERIAL	WB6RMG	75	44,086	469	47	INDIANA	W9STW	75	13,158	153	43
JINYO	WA6DZM	79	128,336	1234	52	IOWA	WD0EMD	82	91,190	750	55
KERN	N5FA/6	85	218,254	1798	58	KANSAS	WD0HAP	79	28,350	315	45
KINGS	K6OZL	75	17,040	213	40	KENTUCKY	W4XT	83	29,500	292	50
LAKE	K6HNZ	81	189,126	1659	57	LOUISIANA	W5WG	83	27,378	270	39
LASSEN	K6JKC	82	21,280	218	40	MAINE	WB1GLH	81	25,757	257	57
LOS ANG.	W6UE	82	255,954	2064	58	MD-DC	W3HQU	83	25,530	230	37
MADERA	K6HNZ	83	198,476	1711	58	MASS.	WALUDH	83	18,582	187	38
MARIN	K6LRN	85	47,136	389	48	MICHIGAN	WB8WKO	82	27,762	289	42
MARIPOSA	K6HNZ	82	199,288	1718	58	MINNESOTA	WD0GPX	82	30,258	294	41
MENDOCINO	NA6T	82	135,945	1116	57	MISS.	WB5ROI	85	10,335	132	39
MERCED	W6TPH	82	180,612	1434	58	MISSOURI	N0RJ	78	23,220	258	45
MODOC	W6REC	85	164,360	1402	56	MONTANA	W7JYW	75	19,006	221	43
MONO	W6SX	82	104,887	819	53	NEBRASKA	W0EXB	79	23,520	240	49
MONTEREY	KO6V	81	109,497	925	57	NEVADA	WA7NIN	83	73,776	606	53
NAPA	W6FSJ	83	95,817	703	57	NEW HAMPSH.	KLITS	81	28,413	268	41
NEVADA	AI6V	82	240,062	2025	58	N. JERSEY	NZAEW	82	29,190	276	42
ORANGE	NI6W	82	181,714	1360	58	N. MEXICO	N5RR	80	15,894	173	37
PLACER	W6SZN	81	121,275	953	55	NEW YORK	W2EZ	83	13,895	148	35
PLUMAS	K6KWN	83	21,879	187	39	N. CAROLINA	WA4GLE	79	12,836	172	38
RIVERSIDE	WA6KFX	80	43,142	385	45	N. DAKOTA	WD0CCL	78	15,200	190	40
SACTO	KI6O	81	167,238	1302	57	OHIO	AA8S	79	23,970	255	47
S. BENITO	W6JQC	80	63,350	545	50	OKLAHOMA	N5AFV	81	14,432	164	44
S. BERN.	WB6DAW	76	42,188	398	53	OREGON	N6TR/7	85	115,197	963	57
S. DIEGO	NI6W	83	194,598	1516	57	PENN	W3HDX	81	33,096	318	42
S. FRAN.	N6BV	79	232,560	2040	57	RHODE IS	KLJA	79	13,104	168	39
S. JOAO.	K6AYA	76	101,640	965	58	S. CAROLINA	K4BZD	78	7,722	117	33
S. LUIS	W7CB	82	221,328	1777	58	S. DAKOTA	W0WUU	78	3,100	62	25
S. MATEO	N6BV	82	270,454	2245	58	TENN	K4LTA	80	36,585	340	45
S. BARB.	W6OUL	80	165,642	1301	57	TEXAS	WA5DTK	81	46,080	403	48
S. CLARA	N6BT	82	292,436	2350	58	UTAH	WA7KZP	71	6,204	76	39
S. CRUZ	N6RZ	80	276,892	2338	58	VERMONT	WALJGK	82	8,308	106	31
SHASTA	AA6DX	79	168,376	1619	52	VIRGINIA	WA4KKP	76	47,520	540	44
SIERRA	WB6YOW	79	15,336	213	36	WASH	N7ZZ	77	52,704	488	54
SISKIYOU	WA6HBV	83	33,100	331	50	W. VA.	W8VEN	82	5,356	103	26
SOLANO	KB6JK	85	188,422	1653	57	WISCONSIN	K9GDF	81	23,049	245	39
SONOMA	KB6ZA	81	136,287	1194	57	WYOMING	WA8MAM	83	3,952	51	26
STANIS.	W6SZN	83	148,656	1076	57	MARITIME	VE1BNN	81	27,520	212	46
SUTTER	WA6TOO	78	93,138	817	57	QUEBEC	VE2EDK	83	9,372	102	33
TEHAMA	K6AAW	83	134,007	1004	57	ONTARIO	VE3DAP	79	16,112	212	38
TRINITY	WB6NBE	81	23,520	240	49	MANITOBA	VE4VW	79	12,768	168	38
TULARE	WA6KMW	77	14,400	200	36	SASK.	VE5US	75	5,680	71	40
TUOLUMNE	N6IP	79	38,976	406	48	ALBERTA	WB6IFA	69	1,407	67	21
VENTURA	N6TR	81	293,248	2373	58	BRIT. COL.	VE7DSA	77	20,056	218	46
YOLO	N6JV	81	88,776	724	54	NWT-YUKON	NO ENTRY	83	9,842	128	37
YUBA	K6HNZ	84	159,268	1373	58	ASIA	JH3DPB	81	4,125	42	33
						EUROPE	SM3DXC	81	2,440	61	20
						S. AMER.	PY1NEZ	81			



1986 NORTH AMERICAN SPRINT CONTESTS

Sponsored by the  
National Contest Journal

1. Eligibility: Any licensed radio amateur may enter.
2. Object: To work as many North American stations (and/or other stations if you are in North America) as possible and as many multipliers as possible during the contest period.
3. Entry Classification: Single operator only. Use of helpers or spotting nets is not permitted.
4. Contest Periods: 00:00 through 03:59 UTC. CW Sprints are February 2 and September 14; Phone Sprints are February 9 and September 21 (Saturday nights, February 1 and 8 and September 13 and 20, local time). These are four entirely separate four-hour Sprints. An entrant may submit scores for one or more Sprints, but he may not combine his scores.
5. Mode: CW only in CW Sprints; Phone only in Phone Sprints.
6. Bands: 80, 40 and 20 meters only. Suggested frequencies are around 3540, 7040 and 14040 kHz on CW, and 3900, 7225 and 14280 on Phone. You may work the same station once per band.
7. Exchange: To have a valid exchange, you must send all of the following information: The other station's call, your call, your serial number, your name and your location (state, province or country).  
  

Example: WA7NIN de K5ZD nr 118 Randy TX K  
K5ZD 105 Pat NV de WA7NIN K
8. Valid Contact: A valid contact consists of a complete, correctly copied and logged two way exchange between a North American station and another station. Proper logging requires including the time of each contact. Serial numbers must begin with serial number one (001) and must be sequential thereafter. Regardless of the number of licensed callsigns issued to a given operator, one and only one callsign shall be utilized during the contest by that operator.
9. North American Station: Defined by the rules of the CQ WW DX Contests.
10. Scoring: Multiply total valid contacts by the sum of states, VE provinces and other North American countries to get final score (do not count USA and VE as countries). KH6 is not counted as a state and is not a North American country. The eight Canadian multipliers are Maritime (VE1, VO1 and VO2), VE2 through 7, and Yukon-NWT (VY1 and VE8). Non-North American countries do not count as multipliers.



11. Special QSY Rule: If any station solicits a call (by sending CQ, QRZ?, QRZ, etc.), he is permitted to work only one station in response to that solicitation. He must thereafter move at least 1 kHz before he works any other station, or at least 5 kHz before he again solicits other calls.
12. Reporting: CW Sprint entries must be sent to Rusty Epps, W6OAT, 948-H Kiely Boulevard, Santa Clara, CA 95051 and Phone Sprint entries to Rick Niswander, K7GM, 1914 West Cortez Circle, Chandler, AZ 85224. Entries must be received not later than 30 days after the Sprint to be eligible for trophies and awards. An entry consists of (1) a summary sheet showing the number of valid contacts by band, total contacts, total multipliers, total score, name, callsign and address of the operator, station callsign and station location; (2) a complete, legible log of all contacts (including dupes marked as such) with indication by numbered sequence of each multiplier claimed; and (3) a separate check sheet for each band. Logs, summary sheets, and check sheets may be home-made or patterned after those published periodically in the NCJ.
13. Team Competition: Team competition is limited to a maximum of 10 operators as a single entry unit. Groups having more than ten members may submit more than one team entry. Pre-contest requirement: To qualify as a team entry, the name, callsign of each operator, and callsign of the station operated should the operator be a guest at a station other than his own (eg., WA7NIN op by W6OAT) must be registered with W6OAT for the CW Sprints and with K7GM for the Phone Sprints. The team registration information must be in written or telegraphic form and must be received before the start of the Sprint. There are neither distance limitations nor meeting requirements for a team entry. The only requirement is pre-registration of the team.
14. Penalties and Disqualifications: For each unmarked duplicate QSO, you lose that contact plus an additional three contacts; for each QSO for which you are not in the other station's log, you lose that QSO plus an additional one contact; and for each QSO for which the log data is incorrectly copied in any respect, you lose that contact. Entries with score reductions in excess of 5% will be disqualified. Any entry also may be disqualified for illegibility, illegal or non-ethical operation. Such disqualification is at the discretion of the NCJ Contest Review Committee.
15. Awards: A trophy will be awarded to the highest scoring entrant. Certificates of merit will be awarded to the highest scoring entrant from each USA call district, Canada, and other country; to each of the ten highest scoring entrants; to each member of the winning team; and to the highest scoring entrant on each team.



## NEW! KENWOOD TS-940S

TOP-OF-THE-LINE HF TRANSCEIVER



**NEW!**

**CALL FOR PRICE  
AND INFORMATION**

- General coverage receiver.
- 40 memories.
- 250W pep. Runs cooler, longer.
- Additional LCD readout.
- Option...I ant. tuner, 160 thru 10M.
- Plus, plus, plus.

**FREE UPS**

## KENWOOD

**TS-930S**



PAY NEW REDUCED PRICE OF ~~\$1599~~ **\$1449**

**RECEIVE AT-930 and MC-60A**  
**FREE** ANTENNA TUNER MICROPHONE  
Reg. \$199.95 Reg. \$79.95

**PLUS FREE UPS**

## YAESU



**FT-757GX**



## ICOM IC-735

A BRAND NEW HF TRANSCEIVER



WITH ALL THE  
FEATURES  
THAT MAKE IT  
A TRULY  
OUTSTANDING  
BUY!

**CALL FOR PRICE AND INFORMATION**

## KENWOOD HAND-HELDS



**TR-2600A** Deserves its  
well-earned reputation  
as the leading HT

**TH-21AT/41AT**  
COMPACT!

Only 2.4"W, 4.72"H, 1.1"D  
Outstanding performers  
in an ideal package size.

**CALL FOR PRICE**



**BURLINGAME, CA 94010**

999 Howard Ave.

(415) 342-5757,

5 miles south on 101 from San Francisco Airport.

**OAKLAND, CA 94609**

2811 Telegraph Ave.,

(415) 451-5757,

Highway 24 Downtown. Left 27th off-ramp.

**US TOWER CORPORATION**  
Formerly Tristco Tower Co.

**MA-40 40' tubular**  
Regular \$745

**SALE! \$549**

**MA-550 55' tubular**

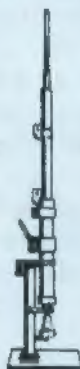
Will handle 12 sq. ft. antennas  
at 50 MPH winds.

Regular \$1245

**SALE! \$899**

**IN STOCK FOR  
IMMEDIATE DELIVERY**

**CALL FOR INFORMATION  
ON ALL OTHER MODELS**



THE CONTEST JUG-Published Monthly By  
THE NORTHERN CALIFORNIA CONTEST CLUB  
44 Toyon Terrace  
Danville, CA 94526

FIRST CLASS  
FIRST CLASS  
FIRST CLASS